

ZINGEL', I.Ye.

Protection of pipelines and equipment against corrosion.

Sakh.prom. 34 no.3:41 Nr 199. (MIRA 13:6)

1. Krasnyanskiy sakharanyy zavod.
(Sugar industry - Equipment and supplies)
(Corrosion and anticorrosives)

ZINGEL', I. Ye.

Washing of filterpress dirt by means of vacuum filters. Sakh.
prom. 34 no.5:24-25 Mjr '60. (MIRA 14:5)

1. Krasnyanskiy sakharnyy zavod.
(Filters and filtration) (Sugar manufacture)

BAL'TSER, I.B.; ZINGEL', I.Ye.

More about the defects in the design of sugar factories. Sakh.
prom. 34 no.6:42-43 Je '60. (MIRA 13:7)

1. L'vovskiy sakhsveklotrest.
(Sugar industry--Equipment and supplies)

SHCHEGOLEV, V.N.; ZINGEL', I.Ye.

Improving the design of evaporating appliances. Sakh.prom. 36 no.11:
27-30 N '62. (MIRA 17:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy promysh-
lennosti (for Shchegolev). 2. Sablino-Znamenskiy sakharnyy zavod (for
Zingel').

ZINGEL' M.A.

I-9

USSR/Chemical Technology - Chemical Products and Their
Application. Wood Chemistry Products. Hydrolysis Industry

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2670

Author : Zingel', M.A., Vasina, L.P.

Inst :

Title : Production Improvements at the Sukhonskiy Sulphite-Alcohol
Plant.

Orig Pub : Gidroliznaya i lesokhim. prom-st', 1957,⁰No 5, 21

Abstract : An enumeration of the improvements (new technology of li-
quor withdrawing, fermentation method with floating cap,
installation of a cyclone separator and high-delivery
centrifugal pumps, increased yields of vinasse by means
of hycro-traps).

Sukhonskiy Sulphite Alcohol Plant.

Card 1/1

ZINGEL, M.A.
ZINGEL', M.A.

We are using less fish oil in defoaming. Gidroliz. 1 lesokhim. prom. 10
no.8:25 '57. (MIRA 10:12)

1. Sukhonskiy tsellyulozno-bumashnyy kombinat.
(Woodpulp industry)

ANDREYEV, K.P.; VLADIMIROVA, N.I.; REZUKHINA, A.V.; ZINQEL', M.A.;
FINKEL', G.M.

Flotation method of isolating yeasts from yeast beer.
Gidroliz.i lesokhim.prom. 13 no.3:11-14 '60.
(MIRA 13:7)

1. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-
spirtovoy promyshlennosti (for Resukhina). 2. Sukhonskiy
sul'fitno-spirtovoy zavod (for Finkel').
(Yeast) (Flotation)

BAL'TSER, I.B.; ZINCHL', Z.O.

Problems of designing and building new factories and utilizing
their production capacities. Sakh.prom. 33 no.9:37-38
S '59. (MIRA 13:1)

1. L'vovskiy sakhevel'trest.
(Lvov Economic Region--Sugar industry)

ZINGEL', Z.O.; BEL'TSER, I.B.

Repair of equipment in sugar factories. Sakh.prom. 37 no.6:
13-15 Je '63. (MIRA 16:5)
(Sugar factories--Equipment and supplies)

BAL'TSER, I.B.; ZINGEL', Z. Ia.

Operation of the heat engineering system at the Buchach Sugar
Factory. Sakh.prom.35 no.3:43-46 Mr '61. (MIRA 14:3)

1. L'vovskiy sovmarkhoz.
(Buchach--Sugar manufacture)
(Buchach--Heat engineering)

Zinger

KADLETSOVA, V. [Kadlecova, V.](Praga); ZINGER (Praga)

Congress of the Czechoslovakian Society of Ophthalmologists. Vest.
oft. 71 no.2:55-58 Mr-Apr '58. (MIRA 11:4)
(CZECHOSLOVAKIA--OPHTHALMOLOGY)

SOV/52-3-3-2/8

AUTHOR: Zinger, A. A.

TITLE: The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions (Nezavisimost' kvazipolinomial'nykh statistik i analiticheskiye svoystva raspredeleniy)

PERIODICAL: Teoriya veroyatnostey i yeye primeneniya, 1958, Vol 3, Nr 3, pp 265-284 (USSR)

ABSTRACT: The various problems of any mathematical statistics are based on the distribution of components of ξ , satisfying certain properties of the statistic $S(\xi)$. This work is concerned with the determination of the distribution of the random vector, ξ , when there are independent statistics. The statistics $S(\xi)$ are called quasi-polynomial if there exist a function $\varphi(\xi)$ and 2 non-negative polynomials $r(\xi)$ and $R(\xi)$ (called lower and higher respectively) so

Card 1/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

that $r(\mathfrak{B}) \leq \varphi(S(\mathfrak{B})) \leq R(\mathfrak{B})$. The polynomial $P(X_1, X_2, \dots, X_n)$ is called "permissible" for X_j if it contains X_j^m where m - the step of $P(X_1, X_2, \dots, X_n)$. The statistics $S(\mathfrak{B})$ will be permissible for X_j if its lower polynomial will include X_j . In order that 2 statistics $S_1(\mathfrak{B})$ and $S_2(\mathfrak{B})$ were independent, it is necessary that for any continuous function of 2 variables, $F(x, y)$ the statistics $F(S_1(\mathfrak{B}), S_2(\mathfrak{B}))$ and $F(S_1(\mathfrak{B}'), S_2(\mathfrak{B}'))$ were equally distributed (Lemma 1). (Vectors \mathfrak{B} and \mathfrak{B}' are distributed equally but independently). The question of moments is considered for the independent linear and polynomial statistics with the following theorems proved: 1) If $\mathfrak{B} = (X_1, X_2, \dots, X_n)$ - random vector with independent components, $S_1(\mathfrak{B})$ and $S_2(\mathfrak{B})$ - 2 independent quasi-polynomial statistics, permissible for $X_j (j = 1, 2, \dots, n)$, then the expression (1.1) will be true for every component of the vector $\mathfrak{B} (j = 1, 2, \dots, n, x > 0, a > 0$ -

Card 2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

SOV/52-3-3-2/8

constant). 2) For the above conditions the distribution of every component of the vector \mathbb{Q} has positive moments. The proof is based on Lemma 2, stating that the expression (1.2) can be applied for every non-negative value of X , distributed as $F(x) = P(X < x)$ and Lemma 3 stating that the expression (1.16) for $\alpha (0 < \alpha < 1)$ and $\Delta > 1$ and the expression (1.17) for $x > 0$ can be applied for every non-negative value distributed as $F(x)$. The case may arise when one of the statistics is linear. Then the characteristic function of the components distribution can be extended over the whole complex plane. Therefore, the analytical properties of the distribution of the vector \mathbb{Q} should be determined. This has been done by the author by proving the following two theorems: if $\mathbb{Q} = (X_1, X_2, \dots, X_n)$ - random vector with independent components, $S_1(\mathbb{Q})$ - quasi polynomial permissible over all components statistic, $S_2(\mathbb{Q})$ - its

Card 3/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

linear form, then if both statistics are independent, the mathematical expectations (2.1) and (2.2) exist for $j = 1, 2, \dots, n$ and $0 < \tau < \infty$, ($A > 1$ - constant) (Theorem 3). The characteristic function of the vector \mathcal{H} (2.3) satisfying the above conditions extends the whole complex plane and is defined as the function of finite order (Theorem 4). The latter theorem provides indications, in some cases, of the possibility of the normal distribution of the vector \mathcal{H} .

This can occur when the function $f_j(t)$ is expressed as Eq.(3.1) for all complex t . This can be transferred into Eq.(3.2) where $P_j(t)$ - polynomial (Ref.18, p 284). Thus, applying the Marcinkiewicz lemma (Ref.15), the normal distribution of the component X_j of the vector \mathcal{H} is obtained.

Therefore, a statement can be made that the component of the vector \mathcal{H} with the characteristic function having no zeros are distributed normally (Theorem 5). However, it should be noted that the independent statistics $\neq 0$ may sometimes form the function equalling 0. Two examples can be shown.

Card 4/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

First, if the components of the vector \mathfrak{X} are distributed equally as Eq.(3.3) and $(b_1, b_2 \dots b_N)$ - population having property $X_i - X_j (i; j=1, 2, \dots, n)$ then the statistic (3.4) can be formed which does not depend on \bar{X} . Thus the function $f_j(t)$ will take the form (3.5), showing that 0 will occur on the complex plane. Two, if $\mathfrak{X} = (X_1, X_2)$ and 2 independent statistics $S_1 = X_1 + X_2$, $S_2 = X_1 - X_2$ (Eq.3.6) are given, then for $\mathfrak{Y} = (Y_1, Y_2)$ the statistics $S'_1 = Y_1^3 + Y_2^3$, $S'_2 = Y_1^3 - Y_2^3$ are also independent $(X_j = Y_j^3, j=1, 2)$. The characteristic function of the components:

Card 5/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

$$E \{ \exp(it Y_j) \} = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} e^{it\sqrt{x - \frac{x^2}{2}}} dx = \frac{3}{\sqrt{2\pi}} \int_{-\infty}^{\infty} e^{ity - \frac{y^6}{2}} dy$$

will have an infinite number of zeros (Ref.16). It can be shown that in some cases the independence of both the polynomial statistic and its linear character defines a non-zero characteristic function of the distribution of the vector \mathbb{X} . If $\mathbb{X} = (X_1, X_2, \dots, X_n)$ - random vector with independent components and the permissible polynomial statistic $P(\mathbb{X})$ and \bar{X} are independent, then in order that the characteristic function of the component X_j had a zero point of the order $m_j (j = 1, 2, \dots, n)$, the value $\pi(m_1, m_2, \dots, m_n)$ should be equal to 0 (Lemma 4) (if $X_j^{k_j}$ transformed into $m_j(m_j - 1) \dots (m_j - k_j + 1)$, the polynomial of (m_1, m_2, \dots, m_n) will be $\pi(m_1, m_2, \dots, m_n)$). The conditions

Card 6/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

of the component characteristic function of the vector ξ not being zero can be expressed as follows: if ξ equals (x_1, x_2, \dots, x_n) - random vector with independent components and the non-specific permissible for all arguments of polynomial statistic $P(\xi)$ and $X_1 + X_2 + \dots + X_n$ are independent then for the vector ξ to be normal, one of the following is sufficient: (a) the components of the vector ξ are divided into equally distributed pairs, and (b) each of the components of the vector ξ is represented as $X_j = Z_j' + Z_j''$ where Z_j' and Z_j'' are independent and equally distributed

Card 7/8

SOV/52-3-3-2/8

The Independence of Quasi-Polynomial Statistics and the Analytical Properties of Distributions

(Theorem 6). (The statistic $P(\mathbb{H})$ is not specific if $\pi(m_1, m_2 \dots m_n) \neq 0$). There are 20 references; 12 of the references are Soviet, 6 are English and 2 are French.

SUBMITTED: January 19, 1958.

Card 8/8

ZINGER, A.A., Cand Phys-Math Sci -- (diss) "Certain analytical problems of mathematical statistics." Len, 1958. 6 pp. (Len Order of Lenin State U in A.A. Zhdanov). 100 copies.

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(KL, 12-58, 95)

Distribution of polynomial ...

S/020/63/149/001/002/023
B112/B186

$dL_{N_0, N_0+n} / d\tau = \Omega(\tau) L_{N_0, N_0+n}$ if $P(N)$ is a form of a
degree $n + 1 > 3$ and $EX = 0$. $\Omega = A/\tau + B/\tau^2$

PRESENTED: October 10, 1962, by V. I. Smirnov, Academician

SUBMITTED: September 29, 1962

ZINGER, A.A.

Distributions of polynomial statistics in samples from a normal population. Dokl. AN SSSR 149 no.1:20-21 Mr '63.

(MIRA 16:2)

1. Predstavleno akademikom V.I.Smirnovym.
(Mathematical statistics)

ZINGER, A.A.

Independence of quasi-polynomial statistics and analytic properties
of distributions. Teor. veroiat. i ee prim.) no.3:265-284 '58.

(MIRA 12:4)

(Mathematical statistics) (Distribution (Probability theory))

ZINGER, A.A.; LINNIK, Yu.V.

One class of differential equations and its application to certain
problems of the regression theory (with summary in English). Vest.
IGU 12 no.7:121-130 '57. (MLRA 10:6)

(Differential equations)
(Distribution (Probability theory))

ZINGER, A.A.

On the independence of polynomial and quasipolynomial
statistics. Dokl. AN SSSR 110 no.3:319-322 S '56. (MLRA 9:12)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova.
Predstavleno akademikom A.N. Kolmogorovym.
(Mathematical statistics)

ZINGER, A.A.; LINNIK, Yu.V. (Leningrad)

Characteristics of normal distribution. Teor. veroiat. i ee
prim. 9 no.4:692-695 '64. (MIRA 17:12)

ZINGER, A. A.

1 copy Type

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress * (Cont.) Moscow
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.

Khalilov, Z. I. (Baku). On the Discreteness Spectrum Part
of Non-self-conjugate Operators of Unreal. 122

Tsitlanadze, E. S. (Tbilisi). On the Conditional
Extremum, and the Corresponding Functional Equation
in Hilbert Space. 122

Theory of Probabilities Section. 123-132

Reports by the following personalities are included:

Borodachev, N. A. (Moscow). On the Structure of Some
Probable Aggregates and Processes, Reflecting Concrete
Production Processes. 123

There are 2 references, both of them USSR.

Linnik, Yu. V. (Leningrad), Zinger, A. A. (Leningrad).
Some New Data on Independent Statistics. 124

Card 39/80 —

*

ZINGER, A.A.

B.V. Gnadenko's problem. Dokl. AN SSSR 162 no.6:1238-1240 Ju '65.
(MIRA 18:7)

1. Submitted December 24, 1964.

ZINGER, A. A.

USSR/Mathematics - Statistics,
Mathematical

Sep/Oct 51

"Independent Selections From a Normal Set," A. A. Zinger

Zinger

"Uspekhi Matemat Nauk" Vol VI, No 5 (45), pp 172-

175

As is well known, in selections from a normal set the selection mean \bar{x} and the selection dispersion s^2 are independent. This theorem was demonstrated by Fisher. The following problem arises: To what degree can this property (i.e., independence of \bar{x} and s^2) characterize the general set? Here it is

191193

USSR/Mathematics - Statistics, Sep/Oct 51
Mathematical (Contd)

necessary to refer to E. Lukacs, "A Characterization of the Normal Distribution," Annals of Math Statistics, 13, 1942, 91.

191193

SUBJECT USSR/MATHEMATICS/Theory of probability CARD 1/1 PG - 307
 AUTHOR ZINGER A.A., LINNIK Ju.V.
 TITLE On an analytic generalization of the Cramér theorem and its application.
 PERIODICAL Vestnik Leningradsk. Univ. 10, No.11, 51-56 (1955)
 reviewed 10/1956

The authors prove the following generalization of a well known theorem of H. Cramér (Random variables and probability distributions, Cambridge Tracts 36, (1937)) : If $f_1(t), f_2(t), \dots, f_s(t)$ are characteristic functions, a_1, a_2, \dots, a_s positive numbers and

$$(1) \quad f_1^{a_1}(t) f_2^{a_2}(t) \dots f_s^{a_s}(t) = e^{i\gamma t - \frac{\sigma^2 t^2}{2}}$$

is valid for $-\infty < t < +\infty$, where γ is a real number, then $f_j(t)$ is the characteristic function of a normal distribution ($j=1, 2, \dots, s$). This theorem is applied to give a new and simple proof of a theorem of V.P. Skitovic (Izvestija Akad. Nauk 18, (1954) 952) according to which if x_1, x_2, \dots, x_n are independent random variables, a_k and b_k ($k=1, 2, \dots, n$) real constants, further $y_1 = \sum_{k=1}^n a_k x_k$ and $y_2 = \sum_{k=1}^n b_k x_k$ are also independent, then, for those values of k for which $a_k b_k \neq 0$, x_k is normally distributed.

ZINGER, A.A.; LINNIK, Yu.V.

On a theorem in the theory of differential equations and statistics said
to be invariant in the mean. Dokl. AN SSSR 108 no. 4:577-579 Je '56.

(MIRA 9:9)

1. Chlen-korrespondent AN SSSR (for Linnik). 2. Leningradskoye otdeleniye
Matematicheskogo instituta imeni V.A. Steklova Akademii nauk SSSR.
(Differential equations) (Probabilities)

PHASE I BOOK REVIEWS 501/1981

LINGER, H. A.

Современные по теории вероятностей и математической статистике, Иванов, 1958
Trudy Vsesoyuznogo sovetskoykh po teorii veroyatnosti i matematicheskoy
statistike, Иванов, 19-25 strybya 1958 & (All-Union Conference on the
Theory of Probability and Mathematical Statistics, Held in Ivanovo 19-25
September, 1958. Transactions) Иванов, Izd-vo AN SSSR, 1960. 291 p.
Revised ed. inserted. 2,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Editorial Staff: O.A. Akhmetov, B.V. Gnedenko, Ye.S. Dinkin, Ye.Y. Linnik and
S. Kh. Tumanov; Ed. of Publishing House: A.G. Akhad; Tech. Ed.: M.A. Kopylovna.

PURPOSE: This book is intended for mathematicians.

CONTENTS: The book contains 41 articles submitted to the Conference and dealing with
the theory of probability and mathematical statistics. Some of the articles are
the papers read at the Conference and edited for publication, while others are
the titles of papers which appeared or are scheduled to appear, wholly or in
part, in other publications; in some cases, such publications are quoted. A
list of the papers whose contents were published elsewhere is included at the
beginning of the book. The articles are arranged in the order in which they were
presented at the Conference. Individual articles examine theoretical and
practical problems, numbers, games, and certain functions and
distributions, such as the method of least squares, the stochastic
Markov's and diffusion processes, measures and their applications, a scheme of
Bernoulli experiments, Markov's random fields, visible distribution of stars,
Erlangian action, capacity of radio channels, and defective products are con-
sidered. No personalities are mentioned. References accompany some of the
articles.

Митром, А.В. - Approximate Cardinality of Some Empowerments Criteria Concerning Displacement. (Theses)	96
Баранов, О.В. On Maximal Coefficients of Correlation. (Theses)	101
Клигер, А.А. New Results Concerning Independent Statistics. (Theses)	105
Шалыверт, О.В. On the Theory of the Method of Least Squares When Trials are Unknown	106
Ахметов, О.А. On Quantity of Information About an Unknown Probability in the Scheme of Bernoulli's Experiments	112
Туманов, С.Д. On the Statistical Criterion, χ^2 , as Applied to the Problem of the Sample	121
Ахметов, О.А. On Fluctuations in the Visible Distribution of Stars	129
Роди, С.Н. On One Problem in the Theory of Mass Service	135
Ахметов, О.А. On the Restoration of Additive Type of Distribution by the Sequence of Means of Independent Observations	145
Ерма, А.А. Random Quantities of Binomial Distribution. (Theses)	148
Линник, Я.В., Я.В. Линник and Я.В. Удальцов. Some New Results in the Probabilistic Theory of Numbers, and Simulation of Brownian Motion. (Theses)	150
Морозов, В.И., Я.В. Линник, and С.С. Тупиков. Approximate Solution of the Carrying Capacity of Radio Channels with Random Parameters	158
Карманский, Д.Б. Distribution of the Number, X , of Defective Products in 1957	169
Роди, С.Н. On Theoretical Informational Approach to the Theory of Special Problems	173
Баранов, О.В. On Probability Problems Leading to Dynamic Programming	187

Cont. 6/8

ZINGER, A.A.; LINNIK, Yu.V. (Leningrad)

Polynomial statistics for the normal and related laws. Teor.
veroiat. i ee prim. 9 no.3:547-550 '64.

(NIPA 17:10)

ZINGER, A.A. (Leningrad)

A class of limit distributions for normalized sums of
independent random variables. Teor. veroiat i ee prim.
10 no.4:672-692 '65.

(MIRA 18:12)

1. Submitted May 18, 1965.

ZINGER, A.M., inzh.; VILENSKIY, A.N., inzh.; LESHCHINSKIY, M.Yu., inzh.

Device for determining the waterproofness of concrete. Gidr. stroi.
32 no.8:45-46 Ag '62.

(Concrete--Testing)

(MIRA 15:9)

ZINGER, A.R.Ye.

Selecting cold stamping presses. Avt..i trakt.prom. no.11:34-36
H '56. (MLA 10:1)

(Sheet-metal work)

ZINGER, A.S.

Hydrogeology of Paleozoic producing horizons in the Volga Valley
near Saratov. Geol. nef'ti 2 no.11:33-40 N '58. (MIRA 11:12)

1. Nizhne-Volzhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
geologo-razvedochnyy nef'tyanoy institut.
(Volga Valley—Oil field brines)

ZINGER, A.S.; PLOTNIKOV, Yu.N.

Oil- and gas-field waters in the lower Volga Valley. Geol. nefti
i gaza 4 no. 12:37-41 D '60. (MIRA 13:12)

1. Nizhne-Volzhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedochnogo neftyanogo instituta.
(Volga Valley--Oil field brines)

ZINGER, A.S.

Chemical indices of oil and gas potentials of oil field waters in the lower Volga Valley. Trudy VNIGNI no.28:127-136 '60. (MIRA 14:4)

1. Nizhne-Volzhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedoch'nogo neftyanogo instituta.
(Volga Valley--Oil field brines--Analysis)

ZINGER, A. S.

Cand Geol-Min Sci - (diss) "Gasohydrochemical principles and indicators of the petroleum gas-potential of the Paleozoic and Mesozoic Deposits of the Lower Volga Region." Moscow, 1961. 24 pp; (Inst of Geology and Development of Flammable Mineral Resources of the Academy of Sciences USSR); 100 copies; price not given; (KL, 6-61 sup, 202)

ZINGER, A. S.

Using chlorine-bromine coefficient and bromine index for
determining the hydrogeological impermeability of structures.
Sov. geol. 5 no.10:100-103 0 '62. (MIRA 15:10)

1. Nizhne-Volzhskiy nauchno-issledovatel'skiy institut geologii
i geofiziki.

(Volga Valley--Oil field brines--Analysis)

ZINGER, A.S.

Molecular hydrogen in the composition of gas dissolved in the waters of gas and oil fields of the lower Volga Valley, Geokhimiia no.10:890-898 '62. (MIRA 16N4)

1. Lower-Volga Scientific Research Institute of Geology and Geophysics.

(Volga Valley--Oil field brines)
(Volga Valley--Gas, Natural)

ZINGER, A.S.

Migration of petroleum and differential interception of hydrocarbons. Trudy NVNIIGG no.1:20-25 '64.

Conditions governing the use of some hydrogeological criteria for the estimation of oil and gas potentials. Ibid.:26-29
(MIRA 18:6)

ZINGER, A.S.; PLOTNIKOV, Yu.N.

Geothermal characteristics of the Paleozoic sediments of the Lower
Volga Valley. Geol. i geofiz. no.5:42-44 '64. (MIRA 17:9)

1. Nizhne-Volzhskiy nauchno-issledovatel'skiy institut geologii
i geofiziki.

MASHKOVICH, K.A.; ZINGER, A.S.; PLOTNIKOV, Yu.N.

Interpretation of the natural thermal field in the lower Volga Valley.
Geol. nefti i gaza '9 no.9:41-45 S '65. (MIRA 18:9)

1. Nizhne-Volzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki.

ZINGER, B., arkhitektor

Closets and partitions made of standard units, Zhil. stroi.
no.1:29-31 '65. (MIRA 18:3)

ZINGER, B.I.

Some problem of furnishing apartments with built-in closet par-
titions. Der. prom. 13 no.12:3-4 D '64 (MIRA 18:2)

ZINGER, D., inzh., преподаvatel'

Skillful hands. Rab. i stal. 39 no. 1: 8 Ja '63.

(MIRA 16:2)

1. Novogrudskoye sel'skoye professional'no-tekhnicheskoye
uchilishche No. 26, Grodzenskaya oblast'.
(White Russia—Farm mechanization)

NEYMARK, Yefrem Zinov'yevich; ZINGER, Fima Khaimovich; KASPAROV, A.A., red.;
BALDINA, N.F., tekhn. red.

[Industrial toxicology among coal miners; its treatment and prevention] Professional'nye otravleniia rabochikh ugol'nykh shakht, ikh lechenie i profilaktika. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 114 p. (MIRA 14:7)
(MINE GASES) (COAL MINERS--DISEASES AND HYGIENE)

NEYMARK, Ye.Z., kand.med.nauk; ZINGER, F.Kh. (Donetsk)

Occupational poisoning of workers of coal mines, its treatment
and prevention. Med. sestra 21 no.1:12-19 Ja '62. (MIRA 15:3)
(COAL MINERS--DISEASES AND HYGIENE)
(INDUSTRIAL TOXICOLOGY)

ZINGER, G.

Make better use of the experience and forces of the community. Za
rul. 20 no.3:6-7 Mr '62. (MIRA 15:3)

1. Spetsial'nyy korrespondent zhurnala "Za rulen."
(Ukraine--Automobile racing) (Ukraine--Motorcycle racing)

ZINGER, G. (Sulyukta, Kirgizskoy SSR)

In a miners' city. Za rul. 21 no.8:5 Ag '63. (MIRA 16:11)

ZINGER, G.

Contrasts in Rovno Province. Za rul. 20 no.4:7 Ap '62.
(MIRA 15:5)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".
(Rovno Province--Motor vehicles--Societies, etc.)

ZINGER, G.

Follow the road pointed out by the Party. Za rul. 19 no.11:2-
5 N '61. (MIRA 14:11)

1. Spetsial'nyy korrespondent zhurnala "Za rulem". Za rul.
19 no.11:2-5 N '61. (MIRA 14:12)
(Votkinsk Hydroelectric power station)

ZINGER, G.

Useful and timely book ("Assemblage, fitting and maintenance of automobiles" by K.S.Shestopalov. Reviewed by G.Zinger). Za rul. 19 no.4:31 Ap '61. (MIRA 14:7)
(Automobiles--Maintenance and repair)
(Shestopalov, K.S.)

PAVLOV, A., starshiy metodist; ZINGER, G.

Mikhail D'iakov guides a study group. Za rul, 19 no.8:22-23
Ag '61. (MIRA 14:9)

(Traffic regulations--Study and
teaching)

ZINGER, G.

Workers of the "Kantemirovets" state farm conquer virgin lands.
Za rul. 19 no.10:6-7 O '61. (MIRA 14:11)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".
(Virgin Territory--State farms)

ZINGER, G. (Lutsk)

Defective business accounting. Za rul. 21 no.1:27 Ja '63.
(MIRA 1641)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".
(Lutsk—Automobiles—Societies, etc.)

ZINGER, Georg [Singer, G.], inzh.; DOBREVSKI, Ivan, inzh.

Viscose and thermal properties of melted ashes in some Bulgarian coals. Elektroenergiia 14 no.5/6:23-25 My--Je '63.

1. Institut po energetika, Bukuresht (for Zinger).
2. Nauchnoizsledovatel'ski institut po elektrifikatsiia, Sofiia (for Dobrevski).

ZINGER, G.

Punishment without crime. Za rul. 21 no.7:23 J1 '63.

(MIRA 16:8)

1. Spetsial'nyy korrespondent zhurnala "Za rulem."
(Traffic accidents--Cases)

MEDVEDOVSKIY, O. (Syktyvkar, Komi ASSR); FADEYEVA, S. (Miyev); ZINGER, G. (Kiyev);
BORSHCHEVSKIY, Ye. (Moskovskaya obl.); ARONOV, I.; FEUDEYEV, B. (Chita)

From the mailbox. Mest.prom.i khud. promys. 3 no.1:37 Ja '63.

(MIRA 16:2)

1. Sotrudniki Nauchno-issledovatel'skogo instituta mestnoy i
toplivnoy promyshlennosti Gosplana UkrSSR (for Fadeyeva, Zingen).
(Manufactures)

ZINGER, G. (poselok Rafalovka, Vladimiretskego rayona Rovenskoj obl.)

Components of a success, Za rul. 21 no.2:8 F '69.
(MIRA 16:4)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".
(Rafalovka—Motor vehicles—Societies, etc.)

ZINGER, G.

Training skilled drivers. Za rul. 20 no. 5:26-27 My '62.
(MIRA 16:4)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".

(Automobile drivers--Education and training)

ZINGER, G. (Stantsiya Novo-Minskaya, Krasnodarskiy kray)

For a grade of D-. Za rul. 20 no.8:25 Ag '62.

(MIRA 16:6)

1. Spetsial'nyy korrespondent zhurnala "Za rulem".
(Novominskaya—Motorcycles)

ZINGER, G.A.

Studying automobiles in schools. Politekh.obuch. no.4:22-26 Ap '57.
(MIRA 10:7)

1. Srednyaya shkola No. 174 g. Moskvy.
(Automobiles--Study and teaching)

ZINGER, Ivan[Singer, Ivan]

On the Banach spaces with symmetrical basis. Rev math pures 6 no.1:
159-166 '61. (EEM I 10:9)

(Spaces, Generalized) (Symmetrical functions)
(Calculus of operations) (Linear programming)
(Series)

ZINGER, I. (Bukharest)

One theorem by I.M.Gel'fand. Usp.mat.nauk 17 no.1:169-176 Ja-
'62. (MIRA 15:3)

(Spaces, Generalized)

ZINGER, I. I.; BABAYAN, Kh. P. and MARUTYAN, N. A.

"Determination of the Number of π^+ - and π^- -Mesons in Cosmic Rays at Various Altitudes," Doklady Akademii Nauk SSSR, 92, 263-64 (1953).

ZINGER, I.M.

Machine for the hydraulic mixing of pulp in fermenting
tanks. Gidroliz.i losokhim.pron. '13 no.3:22-23 '60.
(MIRA 13:7)

1. Vyborgskiy sul'fitno-spirtovoy zavod.
(Vyborg—Fermentation)

SHURYGINA, G.L. [Shuryhina, H.L.]; DREMLYUG, I.F. [Drenliuh, I.F.];
ZINGER, Kh.M. [Zinher, Kh.M.]

Method for determining the quality of carding based on
mathematical statistics. Leh.prom.no.1:25 Ja-Mr '64.
(MIRA 19:1)

ZINGER, Kh.M.; SANDLER, F.S.; PREPELITSKAYA, A.M. [Prepelyts'ka, A.M.]

Use of polyacrylamides for sizing. Leh.prom. no.4:23-24 0-D
'62.

(MIRA 16:5)

(Sizing (Textile)) (Acrylamide)

ZINGER, Kh.M.; SANDLER, F.S.; PREPELITSKAYA, A.M. [Prepolyts'ka, A.M.];
RUDI, V.P.

Use of polyacrylamides in the textile industry. Leb.prom. no.3:17
Je - Ag '62. (MIRA 16:2)

1. Chernovitskiy tekstil'nyy kombinat (for Zinger, Sandler, Prepelitakaya)
2. Chernovitskiy gosudarstvennyy universitet (for Rudi).
(Textile finishing) (Acrylamides)

ZINGER, Kh.M. [Zinher, Kh.M.]; BEZCHINSKIY, B.V. [Bezchyns'kiy, B.V.]

Use of polyacrylamide for the sizing of flax yarn. Lab. prom. no. 3:
65-67 JL-S '64. (MIRA 17:10)

KOGAN, B.B.; ZINGER, L.I.

Effect of euphyllin on the ballistocardiography in cor pulmonale patients. Kardiologiya 4 no.4:56-61 JI-Ag ' 64. (MIRA 19:1)

1. Filial (av. - prof. B.B. Kogan) Gospiatal'noy terapevticheskoy kliniki I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova na baze 67-y klinicheskoy bol'nitsy (glavnyy vrach P.S. Petrushko). Submitted April 15, 1963.

ZINGER, L.I. (Moskva)

Myocardial infarct as a consequence of electrical trauma.

Klin.med. 40 no.5:137-140 '62.

(MIRA 15:8)

1. Iz filiala (zav. - zasluzhenny deyatel' nauki prof. B.B. Kogan) gospi'tal'noy terapevticheskoy kliniki I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova na baze 67-y klinicheskoy bol'nitsy (glavnyy vrach L.V. Petropol'skaya).
(HEART--INFARCTION) (ELECTRICITY, INJURIES FROM)

ZINER, M.

Group maintenance of sows. Nauka i pered. op. v sel'khoz 8
no.12:24-25 D '58. (MIRA 12:1)

1. Glavnyy zootekhnik inspektsii sel'skogo khozyaystva Kamenskogo
rayona.

(Sows)

ZINGER, Mariya Aleksandrovna

[Work of the section nurse with the premature child] Babota
uchastkovoï sestry u posteli nedonoshennogo rebenka. Leningrad,
Medgiz, 1959. 31 p. (MIRA 13:3)
(INFANTS (PREMATURE)) (NURSES AND NURSING)

ZINGER, M. A.

"Penicillin Therapy of Premature Infants," Vop. Fed. i Okhran. Mater. i Det., 17,
No. 3, 1949. Cand. Medical Sci. Mbr., Chair, Children's Hospital, Leningrad
State Pediatric Med. Inst., -c1949-.

ZINGER, M. A.

21065 Zinger, M.A. K voprosu o penitsal' llinoterapii nedonoshennykh detey pannego
vozrasta Voprosy pediatrii i okhrany materinstva i detstva, 1949, vyp. 3, s. 3-9.--
Bibliogri 20 nazv.

SO1 LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

USSR / Farm Animals. Cattle

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21454

Author : Zinger M. I.

Inst :

Title : For the Improvement of Lambskin Productivity of Sheep in the Moldavian SSR (OB uluchsheni smushkovoy produktivnosti ovets Moldavskoy SSR)

Orig Pub: Karakulevodstvo i szerovodstvo, 1957, No 3, 28-29

Abstract: Under conditions prevailing in the Moldavian SSR, the Black Karakul sheep brought from Soviet Central Asia survive with difficulty and furnish low-quality lambskins (For the last 5 years, first grade lambskins constituted only 5-15%). The low quality of the Black Karakul breed in the Moldavian SSR is caused by the nature of pastures with their high succulence of grass which favors the formation of

Card 1/2

13

TARASOV, M.F.; ZINGER, M.Ya.

Recently established organs of the party and soviet government should be provided with reliable communication systems.
Vest. svyazi 23 no.6:24-25 Je '63. (MIRA 16:8)

1. Nachal'nik Krasnodarskogo krayevogo upravleniya svyazi (for Tarasov). 2. Nachal'nik Stroitel'no-montazhnogo upravleniya radiofikatsii (for Zinger).

ZINGER, M.Ya.

Roots of trigonometric polynomials. Dokl. AN SSSR 161 no.6:1263-1266
Ap '65. (MIRA 18:5)

6(4)

SOV/111-59-5-9/32

AUTHORS: Tarasov, M.F., Chief, Zinger, M.Ya., Chief of SMUR

TITLE: Experience in Wire Broadcasting in the Krasnodarskiy Kray

PERIODICAL: Vestnik svyazi, 1959, Nr 5, pp 9 - 11 (USSR)

ABSTRACT: During 1958, more than 27,000 wire broadcast receivers were installed in the Krasnodarskiy Kray. The SMUR performed the installation of wire broadcast networks at kolkhozes, whereby the latter provided the funds. Contracts for installing the wire broadcast networks were made directly between the kolkhozes and the SMUR. Previously, such contracts were concluded between kolkhozes and district post offices, but it proved to be more expedient to eliminate the latter from the contract. Thus, the district post offices only assist in drawing up the contracts, perform the accounting and registration, control the progress of the work and participate in the acceptance inspections.

Card 1/3

SOV/111-59-5-9/32

Experience in Wire Broadcasting in the Krasnodarskiy Kray.

Since wood is rare in the Krasnodarskiy kray, extensive use of underground cables is made. Chiefly, cables of type PRVPM are used, however, the latter is not available in adequate quantities. TRVK cable is used for branch lines to buildings, thereby saving 12-15% in PRVPM cable. Existing power lines are used as far as possible for suspending the wire broadcast lines. The success of the plan for installing wire broadcast receivers is explained by the fact that work is performed throughout the year. Cable laying is difficult during muddy periods, and sometimes two or three tractors must be used for pulling the cable laying machine. Cable layers "KUN-2" are used. The SMUR has organized work teams in the larger towns of Krasnodar, Sochi, Armavir and Novorossiysk for installing radio and telephone connections in new apartment buildings and industrial installations. In Krasnodar, there are

Card 2/3

SOV/111-59-5-9/32

Experience in Wire Broadcasting in the Krasnodarskiy Kray.

four teams (10 workers each) engaged in the reconstruction of city wire broadcasting networks (according to plans of Giprosvyaz'). In spite of the success achieved in installing wire broadcast networks, there are several districts which are lagging behind, for example Adler, the Adygeyskaya avtonomnaya oblast', Belorechenskiy, Tul'skiy and other districts. There are 4 photographs.

ASSOCIATION: Krasnodarskoye krayevoye upravleniye svyazi
Krasnodarskiy Kray Communications Directorate) (Tarasov, M.F.);
SMUR (Zinger, M.Ya).

Card 3/3

ZINGER, M. Ye., kand.med.nauk (Moskva)

Role and aims of health education in the elimination of trachoma.
Fel'd. i akush. 26 no.5:37-39 My '61. (NIHA 14:5)
(CONJUNCTIVITIS, GRANULAR)

ZBOROVSKAYA, F.I., kand.med.nauk; ZINGER, M.Ye., kand.med.nauk (Moskva)

Current status and problems of health education among the rural
population. Sov.zdrav. 20 no.2:36-41 '61. (MIRA 14:5)
(PUBLIC HEALTH, RURAL) (HEALTH EDUCATION)

ZBOROVSKAYA, F.I.; ZINGER, M.Ye. (Moskva)

Rural health education museum. Fel'd. i akush. 25 no. 7:41-43
Je '60. (MIRA 13:8)

(HEALTH EDUCATION)

ZINGER, M. Ye. (Moskva)

Public health education at the feldsher-midwife centers of the
Altai Territory. Fel'd. i akush. 26 no.3:50-52 Mr '61,

(MIRA 14:3)

(ALTAI TERRITORY--HEALTH EDUCATION)

ZINGER, M.Ye., kand. med. nauk

Your eyes. Zdorove'e. 6 no.7:23-24 Je '60.
(MOTION PICTURES IN HEALTH EDUCATION)
(EYE--CARE AND HYGIENE)

(MIRA 13:7)

ZINGER, M. Ya., kand. med. nauk; MOROSTEL'EV, N. B. (selo Armash Vedinskogo rayona Armyskoy SSR)

Rural museums for health education. Zdorov'ye 6 no. 2:11 F '60.
(MIRA 13:5)

(ARMASH (VEDI DISTRICT)--HEALTH EDUCATION)

ZINGER, M. Ye., kand.med.nauk (Moskva)

Make wider use of the village cultural and educational institutions
for spreading medical and hygienic knowledge. Med. sestra 20 no.11:
14-17 N '61. (MIRA 15:2)

(HEALTH EDUCATION)

ZINGER, M.Ye., kand.med.nauk (Moskva)

"A gift of humanity" educational medical motion picture
(painless labor). Reviewed by M.E. Zinger. Fel'd i akush.
27 no.2:62-63 F '62. (MIRA 15:3)
(MOTION PICTURES IN MEDICINE)
(ANESTHESIA IN OBSTETRICS)

ZINGER, N.
ZINGER, N., kand. tekhn. nauk

Inexhaustibel heat source. Tekh. mol. 26 no. 2:35-36 '58.
(MIRA 11:2)

1. Starshiy nauchnyy sobrudnik Vsesoyuznogo teplotekhnicheskogo
instituta.

(Heat pumps)

ZINDER, N., kand. tekhn. nauk; ANDREYEVA, E., inzh.

Testing of low heat-potential, steam-jet refrigerating machine,
Khol. tekhn. 37 no. 6:12-15 K-D '60. (KIRA 13:12)

1. Vsesoyuznyy teplotekhnicheskiy institut im. F.N. Dzerzhinskogo.
(Refrigeration and refrigerating machinery)

ZINGER, H.^{M.} and KOLOSOV, V.

Methods of Saving Gasoline in Motorized Carrier Service, Peoples'
Commissariat of Municipal Affairs RSPSR, Moscow-Leningrad, 1943.

BTR

001

10658* Operating Characteristics of Steam-Jet Compressors. (Russian.) N. M. Zinger. *Zh. Ekonomika Topliva*, v. 9, Apr. 1952, p. 23-27.
Calculations and graphs.

ZINGER, N. M.

Compressors

Steam jet compressor for a heating and electric power station. Izv. VTI 21, no. 4, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

ZINGER, N.M.

SOKOLOV, Ye.Ya., professor; ZIMMER, H.H., kandidat tekhnicheskikh nauk;

SHISHOV, H.P., inzhener.

High-pressure steam jet compressor. Elek. sta. 25 no.8:12-15 Ag '54.
(Compressors) (NERA 7:9)

ZINGER, N.N.

AID P - 2550

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 2/13

Authors : Zinger, N. M., Kand. Tech. Sci., and Andreyeva, K. S., Eng.

Title : Tests with a three-effect flue-gas ejector

Periodical : Teploenergetika, 6, 9-15, Je 1955

Abstract : An analysis with equations of tests made with three-effect flue-gas ejectors manufactured at the Leningrad Metallurgical Plant is given. The installation itself and the conditions in which the tests were made i.e., dry air ejection, steam and air mixture ejection, are described in detail, with curves. Ten diagrams are attached. Seven Russian references, 1949-1954.

Institution: All-Union Heat Engineering Institute

Submitted : No date